

**REDESIGNING INITIAL ORDER AND LOGISTIC EXECUTION IN ORDER
EXECUTION PROCESS USING AIRFREIGHT DDP DELIVERY TERM IN I
IA/DT SECTOR OF PT SIEMENS INDONESIA**

By

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

Redesigning Initial Order and Logistics Execution in Order Execution Process using
Air Freight DDP Delivery Term of IIA/DT Sector at PT Siemens Indonesia

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PT Siemens Indonesia is expected to implement high level in general and specifically in order execution activities. In fact, PTISI focusses too much on customer demand that not enough attention is given to quality, cycle time, and the effectiveness and efficiency of each business process. The most significant process performed by PTISI is based on the significance level resulting on both initial order process and logistics process, these affect the length of delivery time and becoming a considerable problem. Focusing on the reduction of cycle time and lead time to meet the company's expectation, on-time delivery, these are the reasons why Process Redesign needs to be applied as the first step to the continuous improvement of the company. Process Redesign is applied not for the purpose of eliminating all existing processes in radical changes, but to improve the performance of the existing processes, in three aspects, namely, quality, cycle time, and cost. In developing this thesis project, the author followed, step by step, the Process Redesign Methodology that has been adapted from James Harrington [2], in order to get the cycle time reduction by 10-70%, idle time, and also lead time in order execution process, that will lead to the improved on-time delivery. By proposing a new modification design of the current order execution process, hopefully it will targeted to the fulfillness of company's expectation. To enrich this thesis project, in the development of this research, an evaluation of the costs and quality are expected to be completed after the processes are completely redesigned. (Recommendation)

Keywords: Process Redesign, Continuous Improvement, Cycle Time Reduction



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DEDICATION

I dedicate this thesis to my family, Papa, Mama, kak Nindy, PT Siemens Indonesia, especially for Industry Sector of IA/DT and Mr. Cornel Raja, as my supervisor in Logistics Sector



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